

DESIGNER NOTES

SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF 13 mm FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (25 mm DEEP AND HOLD 3 mm BELOW SURFACE OF CONCRETE). EXTEND SEALER 75 mm BELOW GUTTER LINE AT INSIDE FACE.

THE SELECTION OF WING 1 OR 2 IS BASED ON THE REQUIRED WING HEIGHT AND LENGTH AND THE LIMITS OF WING HEIGHT AND LENGTH SHOWN.

WHEN TYPE "F", "W" OR "M" STEEL RAILING IS USED, LOCATE NAME PLATE ON FIRST RIGHT WING TRAVELING UP STATION.

ALL WING BARS ARE EPOXY COATED.

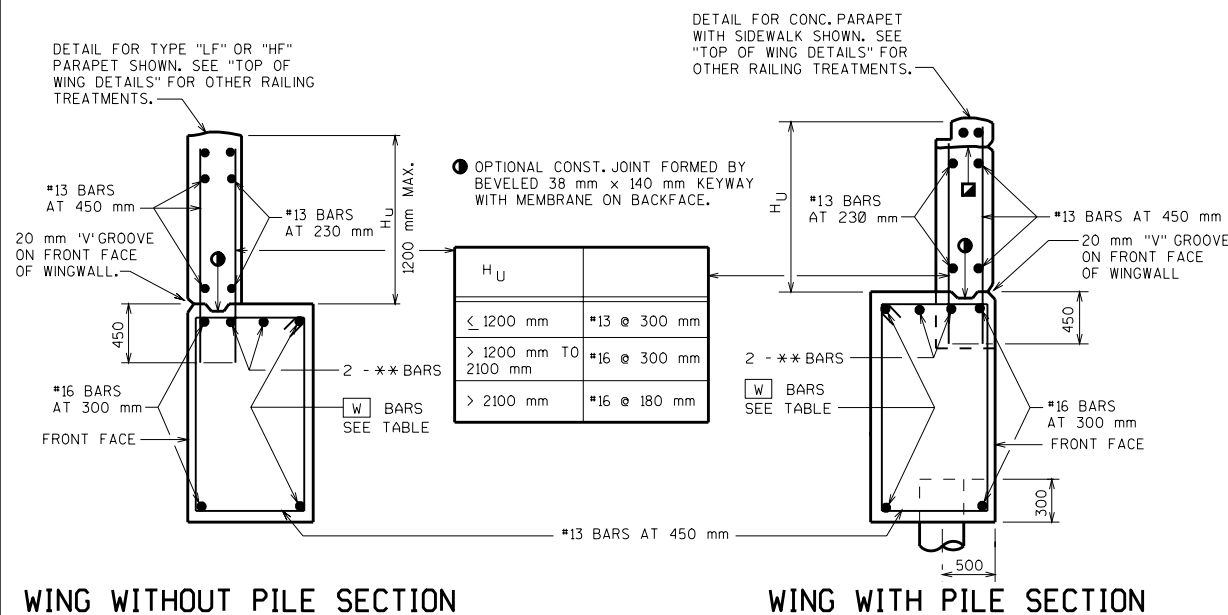
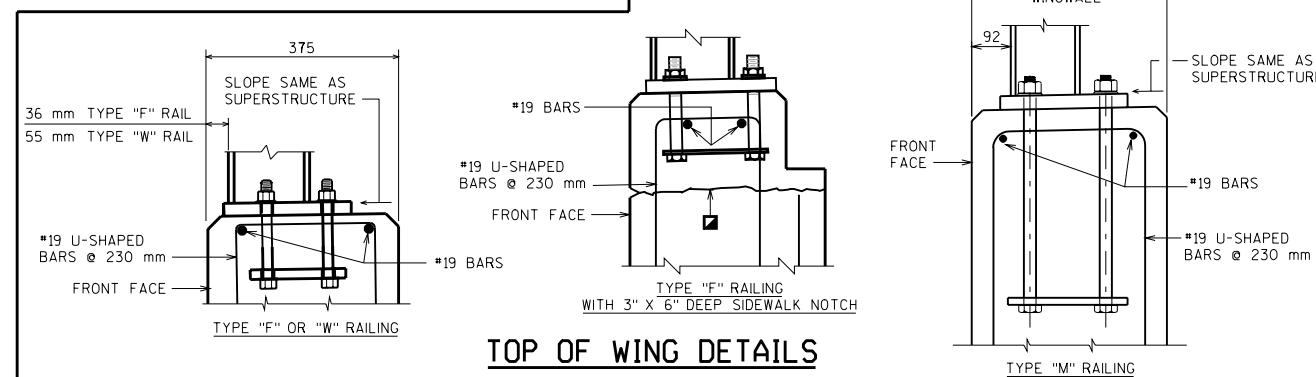
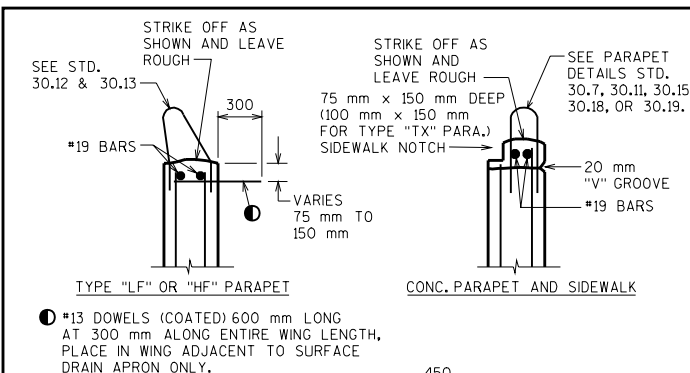
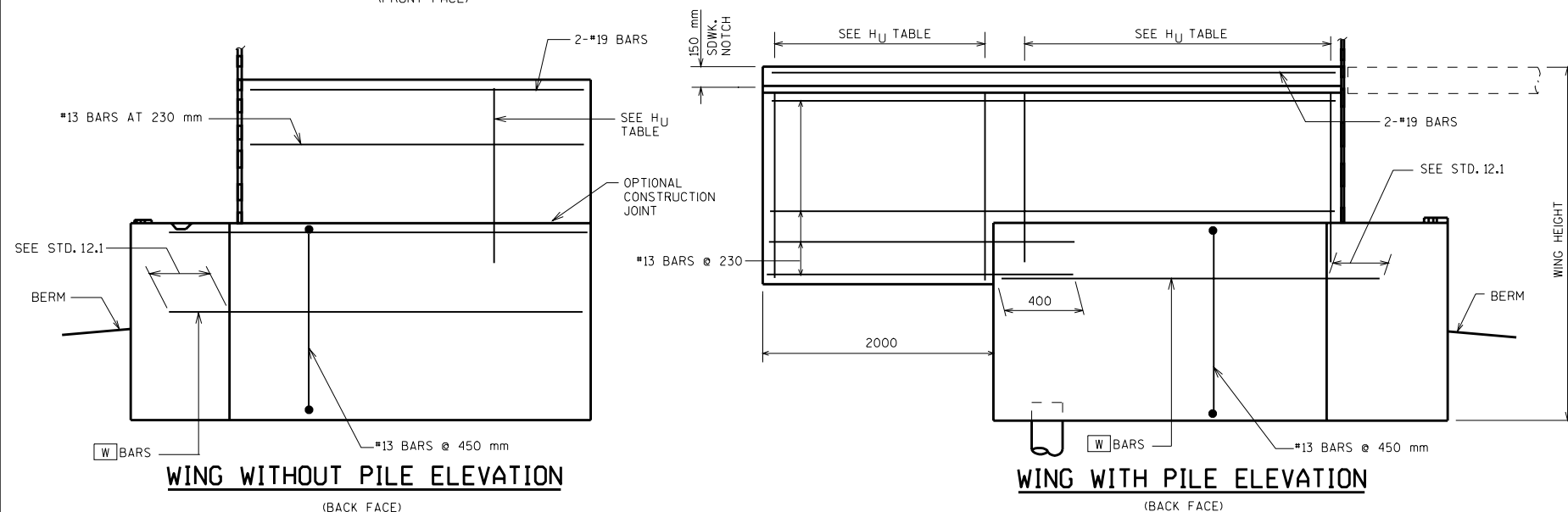
ALL DIMENSIONS ARE IN MILLIMETERS

DESIGN LOADS

LIVE LOAD = 600 mm SURCHARGE
LOAD FACTOR = 1.3 (5/3 LL+5/3E)
 f_y = 420 MPa
 f'_c = 24 MPa
HORIZONTAL EARTH LOAD = 1600 Pa EQUIV. FLUID PRESSURE

WING LENGTH	WING HEIGHT				
	2500	3000	3500	4000	BARS
3000	*5-#22	*5-#22	5-#16		W
	*7-#25	*7-#25	6-#16		A1
4000	*5-#22	*5-#22	6-#16	5-#19	W
	*7-#25	*7-#25	6-#22	7-#22	A1
5000	6-#19	5-#22	6-#22	5-#25	W
	5-#25	6-#25	7-#25	8-#25	A1
6000	6-#22	7-#22	7-#25	6-#29	W
	6-#29	7-#29	7-#32	8-#32	A1

* WING WITHOUT PILE VALUES SHOWN.
(FOR WING WITH PILE THAT HAS WING LENGTHS IN THIS REGION, USE VALUES FOR 3500 mm WING HEIGHT.)



** BARS TO BE SAME SIZE AS "W" BARS

CONSTRUCTION JOINT, LEAVE ROUGH. REQUIRED FOR PRESTRESSED CONCRETE SUPERSTRUCTURES. OPTIONAL FOR OTHERS. POUR CONCRETE ABOVE THIS JOINT AFTER DECK IS IN PLACE.

ABUTMENT TYPE A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DEVELOPMENT SECTION

APPROVED: _____ DATE: 6-02

METRIC STANDARD 12.2